



Terminal Building



Overhead Walkway



Eagle Harbor Condominiums



Vehicle Holding/Terminal Bldg



WSF Parking

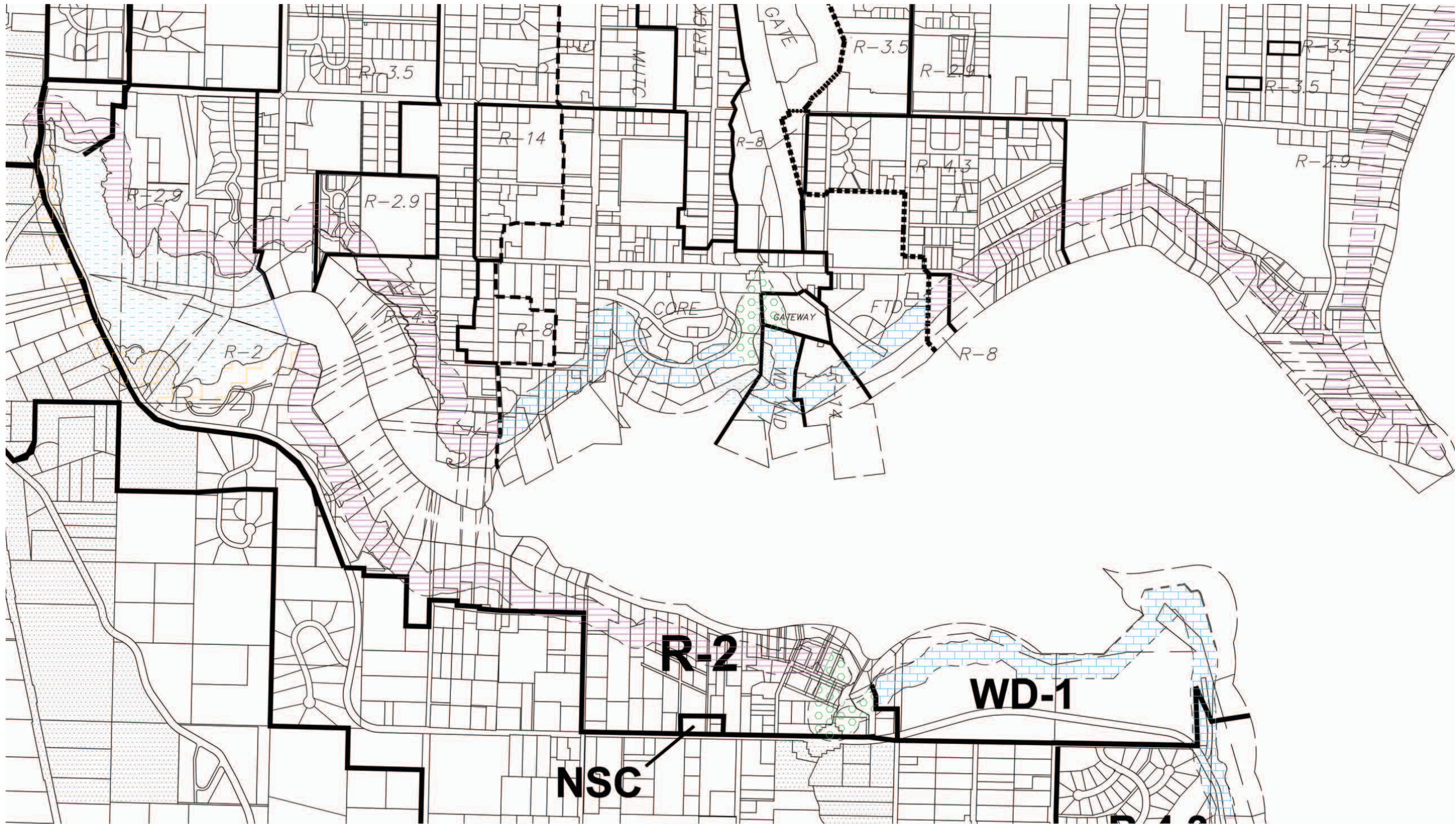


Ferry Docks



Seattle Beyond

FIGURE: 1
Context Plan



LEGEND

Half Acre (100,000 Square Feet)

- R-0.4
- R-1
- R-2 Two Units per Acre (20,000 Square Feet)
- R-2.9
- R-3.5 Three and one-half Units per Acre (12,500 Square Feet)
- R-4.3
- R-5 Five Units per Acre (8,712 Square Feet)
- R-6 Six Units per Acre (6,543 Square Feet)
- R-8
- R-14 Fourteen Units per Acre
- LM Light Manufacturing
- NSC Neighborhood Service Center
- WD-1 Water-Dependent Industrial
- HS-1 High School Road Commercial District 1
High School Road Commer
- R-0.4 Mixed Use Town Zone

- GATE GATEWAY DISTRICT
- CORE CENTRAL CORE DISTRICT
- ERICK ERICKSEN AVENUE DISTRICT
- MAD MADISON AVENUE DISTRICT
- FTD FERRY TERMINAL DISTRICT

SHORELINE ENVIRONMENTS

- AQUATIC CONSERVANCY
- NATURAL
- CONSERVANCY
- RURAL
- SEMI-RURAL
- URBAN

AQUATIC: All marine areas seaward of the ordinary high water mark including estuarine channels, sloughs, and associated marshes, bays and swamps. All swamps, marshes and bays adjoining the above which are not designated as natural.

FIGURE: 2
Existing Zoning



LEGEND











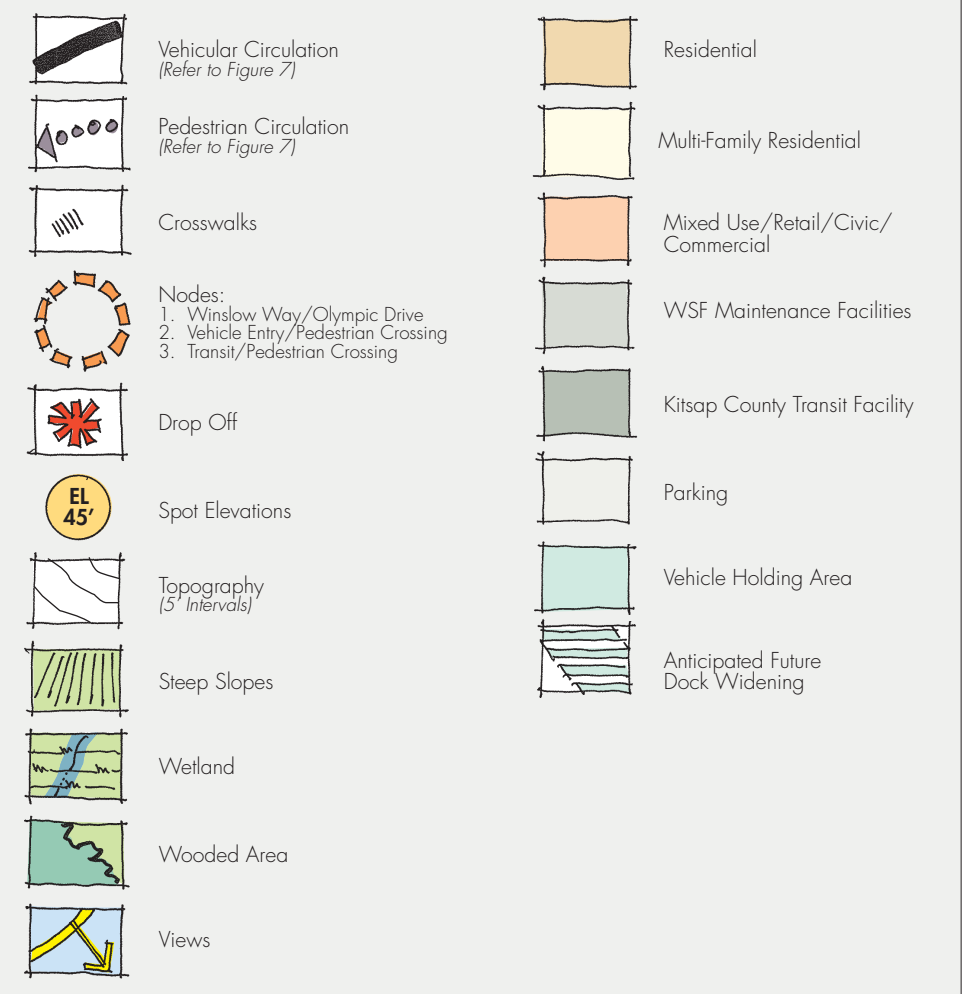
-  Residential
-  Multi-Family Residential
-  Retail
-  Office
-  Civic
-  Washington State Ferries
-  WSF Maintenance Facilities
-  Transit Center
-  Parking
-  Vacant

FIGURE: 3
Land Use



LEGEND



(A) Toll Booths	(G) Linda's Coffee/Quality Auto Service	(M) Office
(B) Bike Barn	(H) Daigle Design	(N) Solarmarmo Bldg - Office
(C) Transit Shelters	(I) Police Station	(O) Winslow Shipyard House ca. 1905
(D) Terminal Bldg	(J) Retail	(P) Opus Development (Under Construction)
(E) Pedestrian Shelter	(K) Office	(Q) San Juan Bldg - Office
(F) Eagle Harbor Condos	(L) Pine Bldg	(R) Overhead Pedestrian Walkway

WSF Alternative Security Plan

WSF Security Goals: Reduce Risk of a Transportation Security Incident Implement appropriate Security Measures Achieve Regulatory Compliance	Security Guiding Principles Maintain Service levels Minimize Customer Impacts Apply Risk Based Approach Leverage Existing Resources
WSF Security WSF has implemented, in conjunction with Washington State Patrol and the US Coast Guard, a risk-based security plan for both terminals and vessels which significantly reduces the risk of a transportation incident and achieves regulatory compliance while maintaining current service levels and minimizing service impacts on customers.	

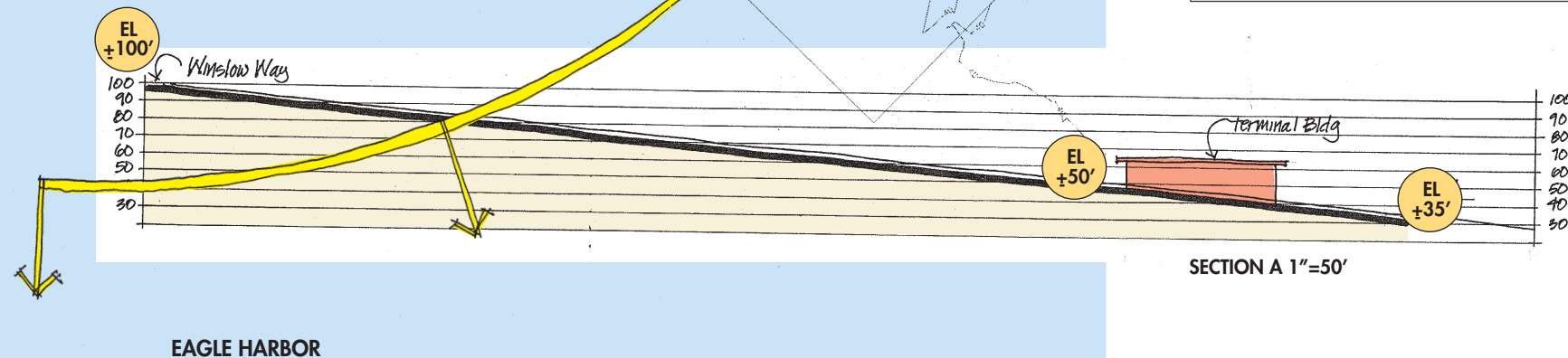
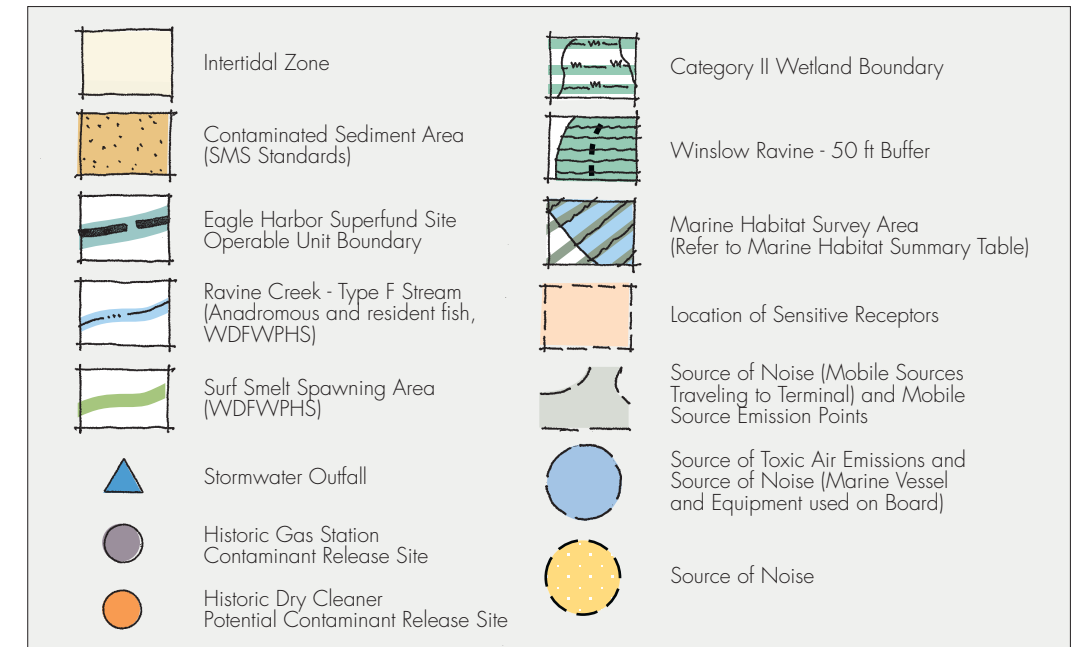


FIGURE: 4
Visual Inventory



LEGEND



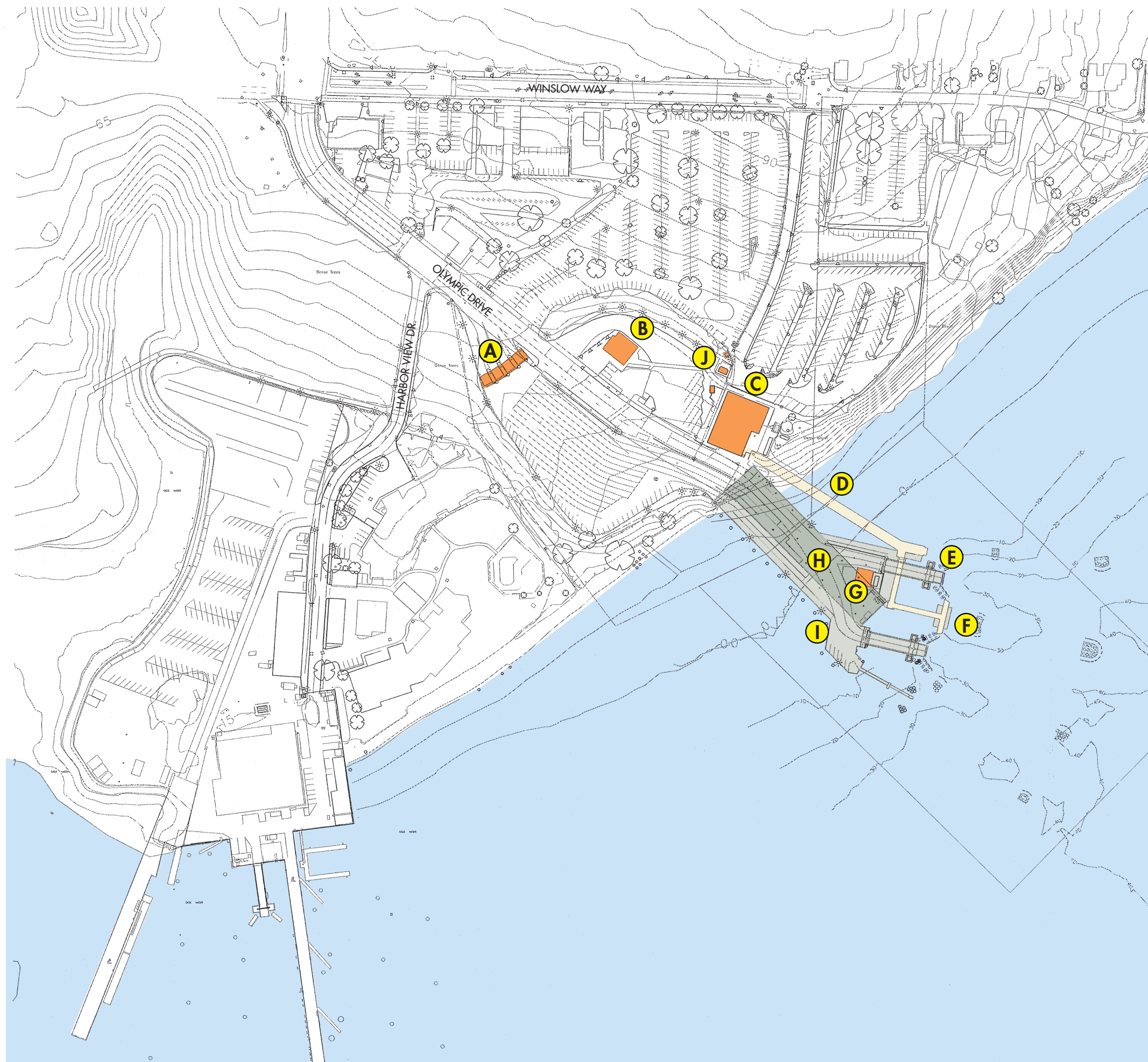
MARINE HABITAT SUMMARY TABLE

COMMON NAME	SCIENTIFIC NAME	PRESENCE SOUTH OF FERRY TERMINAL IN +1.5 METERS TO MLLW	PRESENCE SOUTH OF FERRY TERMINAL IN 0 TO -10 METERS TO MLLW	PRESENCE NORTH OF FERRY TERMINAL IN +5 TO -10 METERS TO MLLW	PRESENCE BENEATH FERRY TERMINAL BELOW MLLW
Eelgrass					
Eelgrass	<i>Zostera marina</i>	None	None	None	None
Macroalgae					
Kelp	<i>Laminaria</i> Spp.	None	Few	Few	None
Popweed	<i>Pylaiella littoralis</i>	None	Common	None	None
Red weed	<i>Agardhiella tenera</i>	None	Few	None	None
Sea lettuce	<i>Ulva</i> Spp.	Common	Few	Common	Common
String acid hair	<i>Desmarestia munda</i>	None	Few	None	None
Macrofauna					
Anemones	<i>Anthozoa</i> Sp.	Common	Common	Common	Common
California sea cucumber	<i>Parastichopus californicus</i>	Few	Common	Common	Few
Coonstripe shrimp	<i>Pandalus danae</i>	Few	Common	None	None
Geoduck	<i>Panopea abrupta</i>	None	None	None	None
Horse clam	<i>Tresus</i> Spp.	Common	Common	Common	Common
Moon snail	<i>Polinices lewisii</i>	Few	Common	Common	Few
Nudibranch	<i>Dendronotus</i> Spp.	Common	None	Common	Few
Red rock crab	<i>Cancer productus</i>	Common	None	Common	Common
Rock borin piddock	<i>Zirfaea pilsbryi</i>	None	None	None	Common
Sea stars	<i>Various species</i>	None	None	None	Common

PRIORITY WILDLIFE SUMMARY TABLE

SPECIES HABITAT	LOCATION FROM PROJECT
Bald Eagle Nest	1.25 miles northeast (two nests), 2 miles north (1 nest)
Heron Colony	1.3 miles north
Osprey Nest	0.8 mile west

FIGURE: 5
Existing Environmental Conditions



A TOLL BOOTHS:

- Wood-framed, one-story buildings
- Limited future use because of programmatic and code requirements



B BIKE BARN:

- Wood-framed, one-story building
- Limited future use because of programmatic and code requirements



C TERMINAL BUILDING:

- Concrete, two-story building
- Constructed in 1950
- Substantial alterations likely for change of use
- Substantial alterations likely to address seismic, mechanical, electrical, life safety and accessibility code requirements



D OVERHEAD PEDESTRIAN WALKWAY:

- Heavy timber construction
- Constructed in 1972
- Selected structural members have been replaced
- Limited future use because of programmatic and code requirements



E NORTH TRESTLE AND TRANSFER SPAN:

- Triangular shaped trestle of concrete construction
- Constructed in 1995
- Steel transfer span and towers refurbished



F SOUTH OVERHEAD LOADING:

- Steel construction
- Limited future use because of programmatic and code requirements



G PEDESTRIAN SHELTER:

- Steel construction



H MAIN TRESTLE:

- Concrete construction
- Constructed in 1984



I SOUTH TRESTLE AND TRANSFER SPAN:

- Concrete and steel construction
- Currently under construction and scheduled for completion in 2006



J OTHER:

- Wood-framed, one-story buildings



FIGURE: 6
Existing Building and Structure Survey

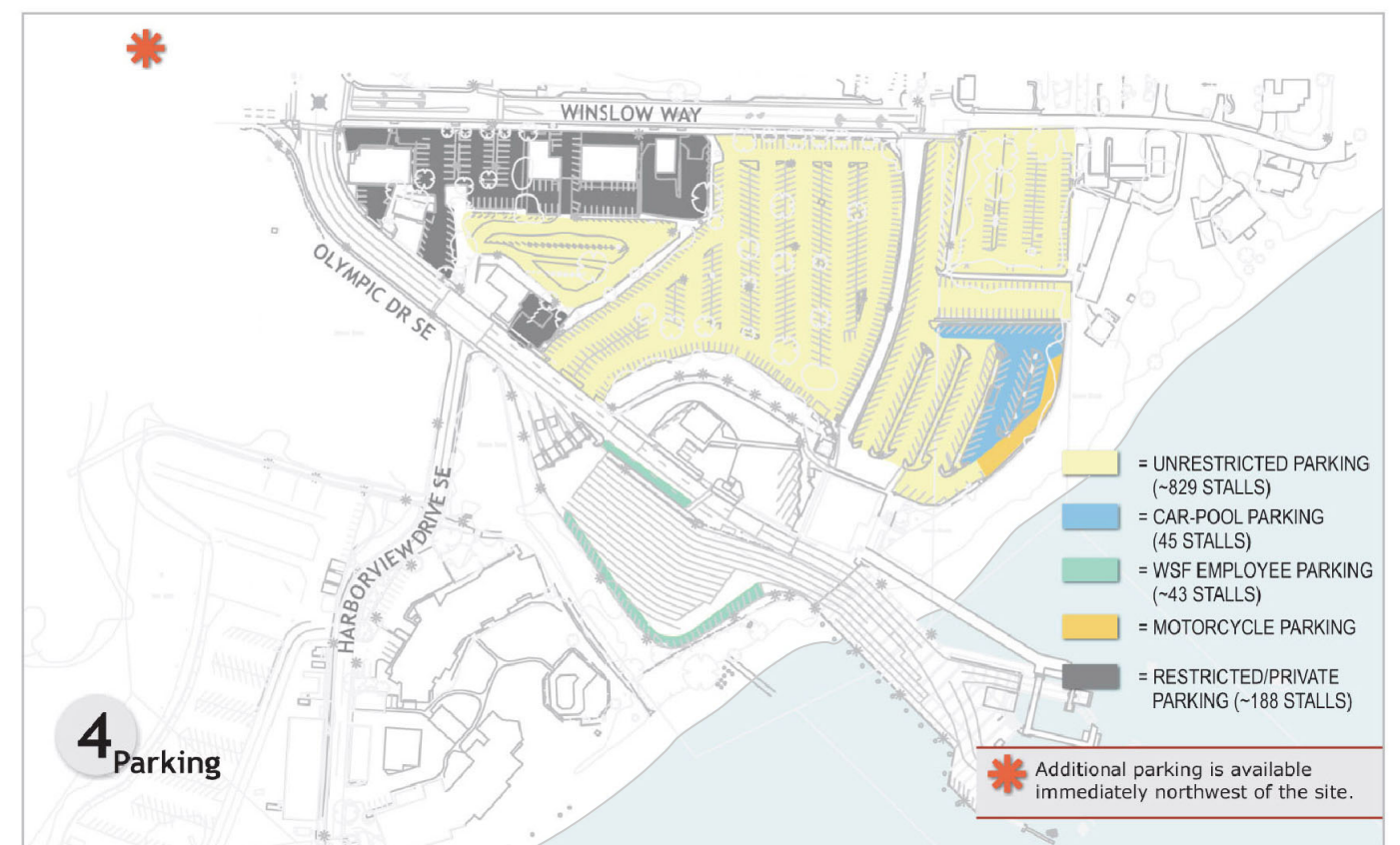
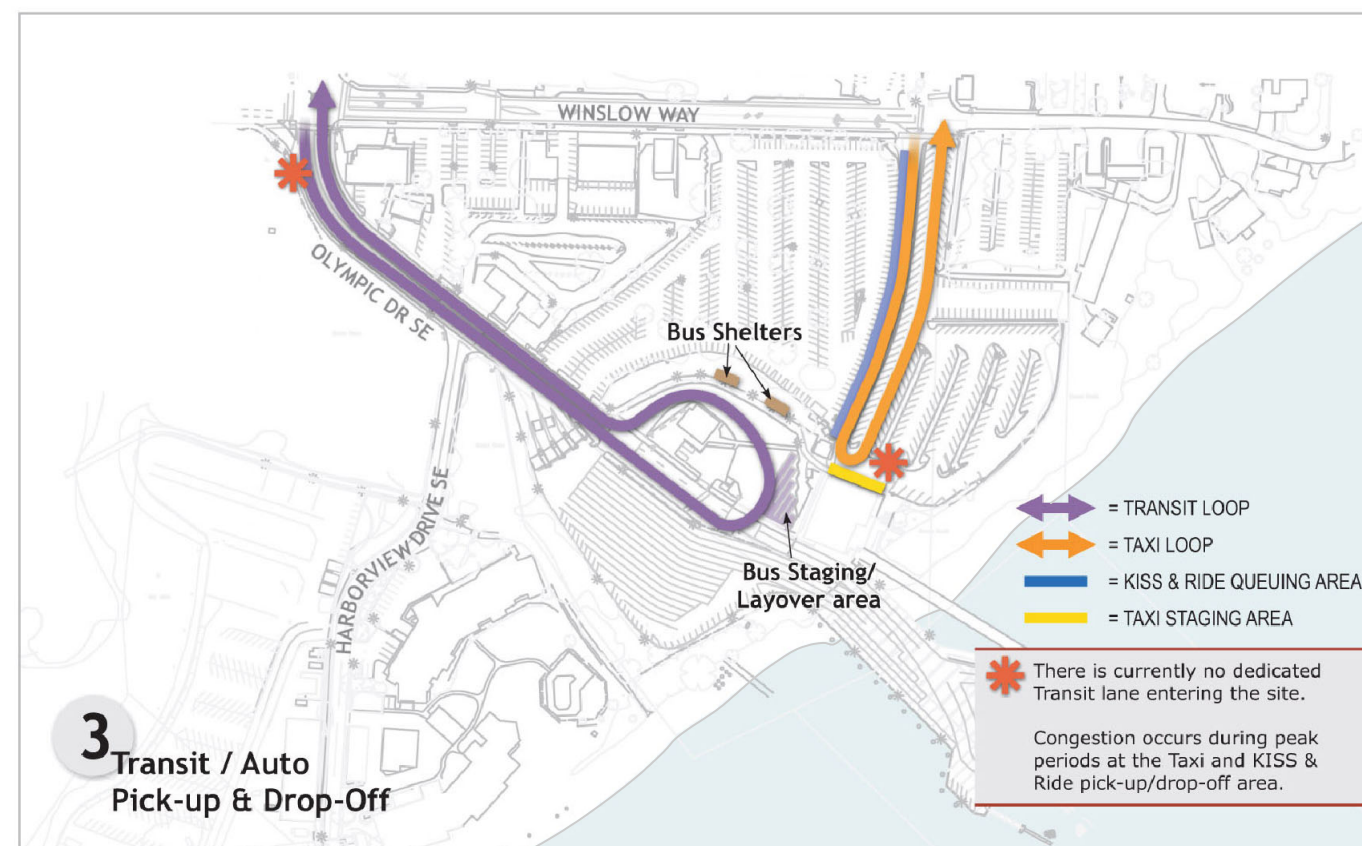
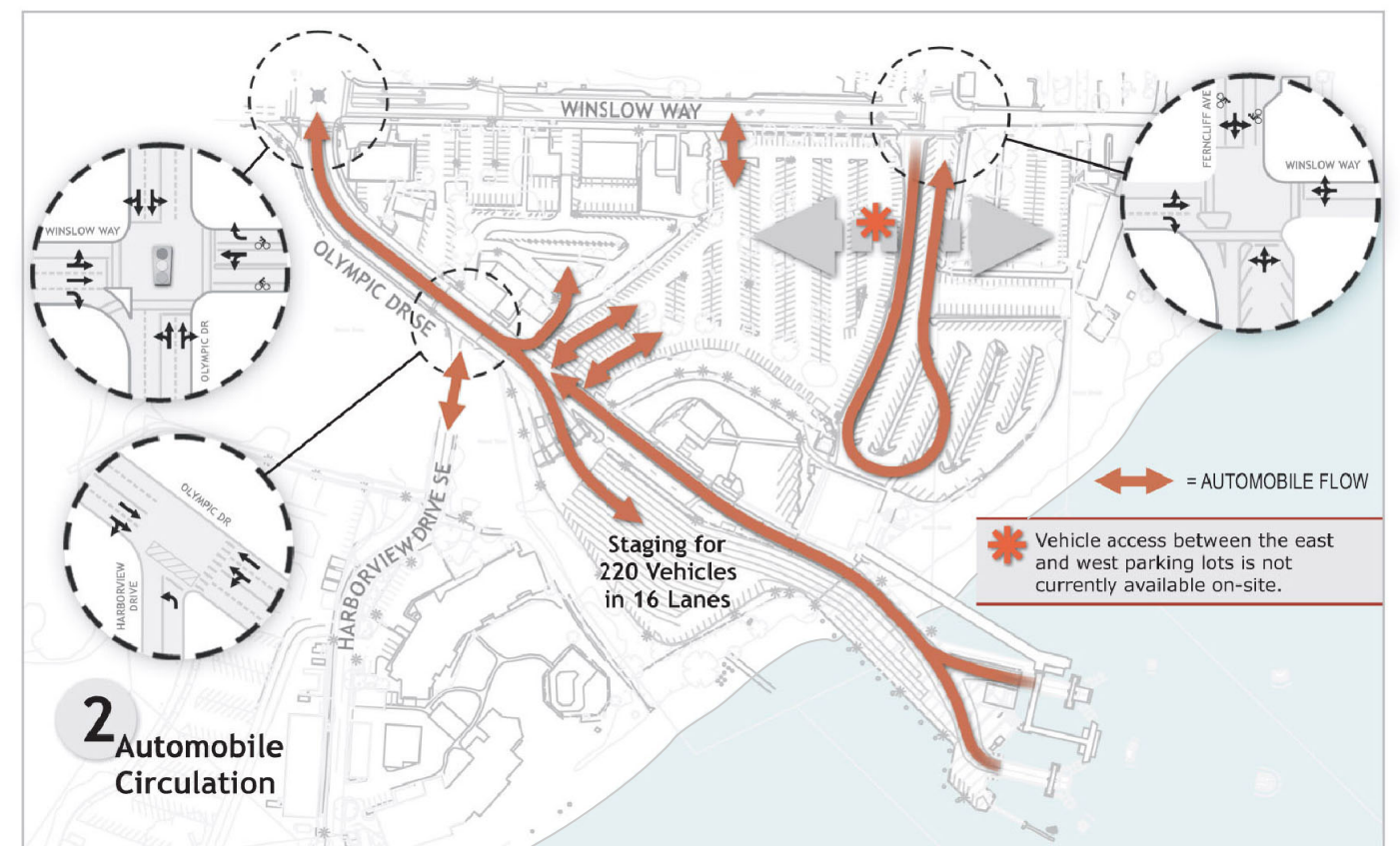
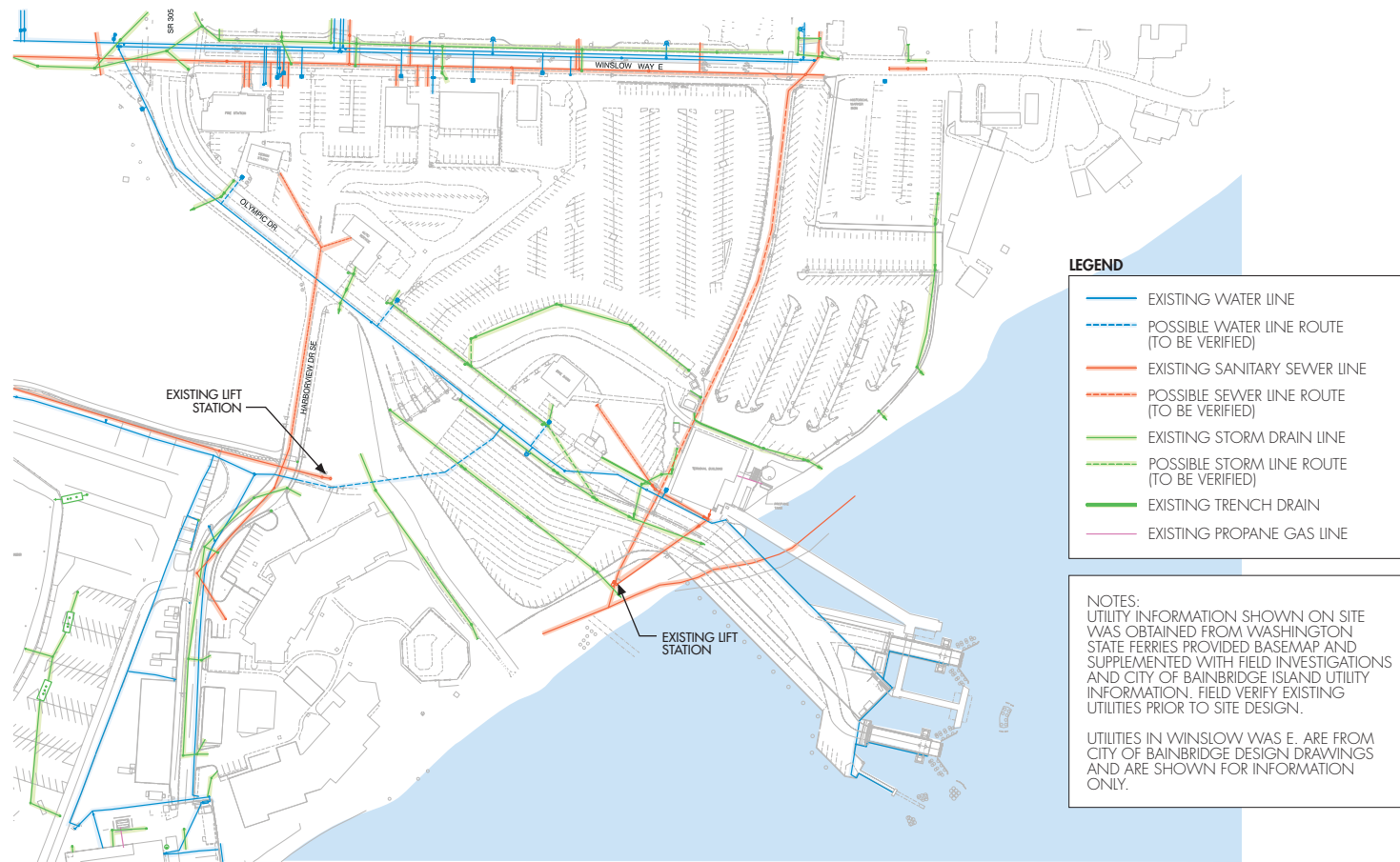
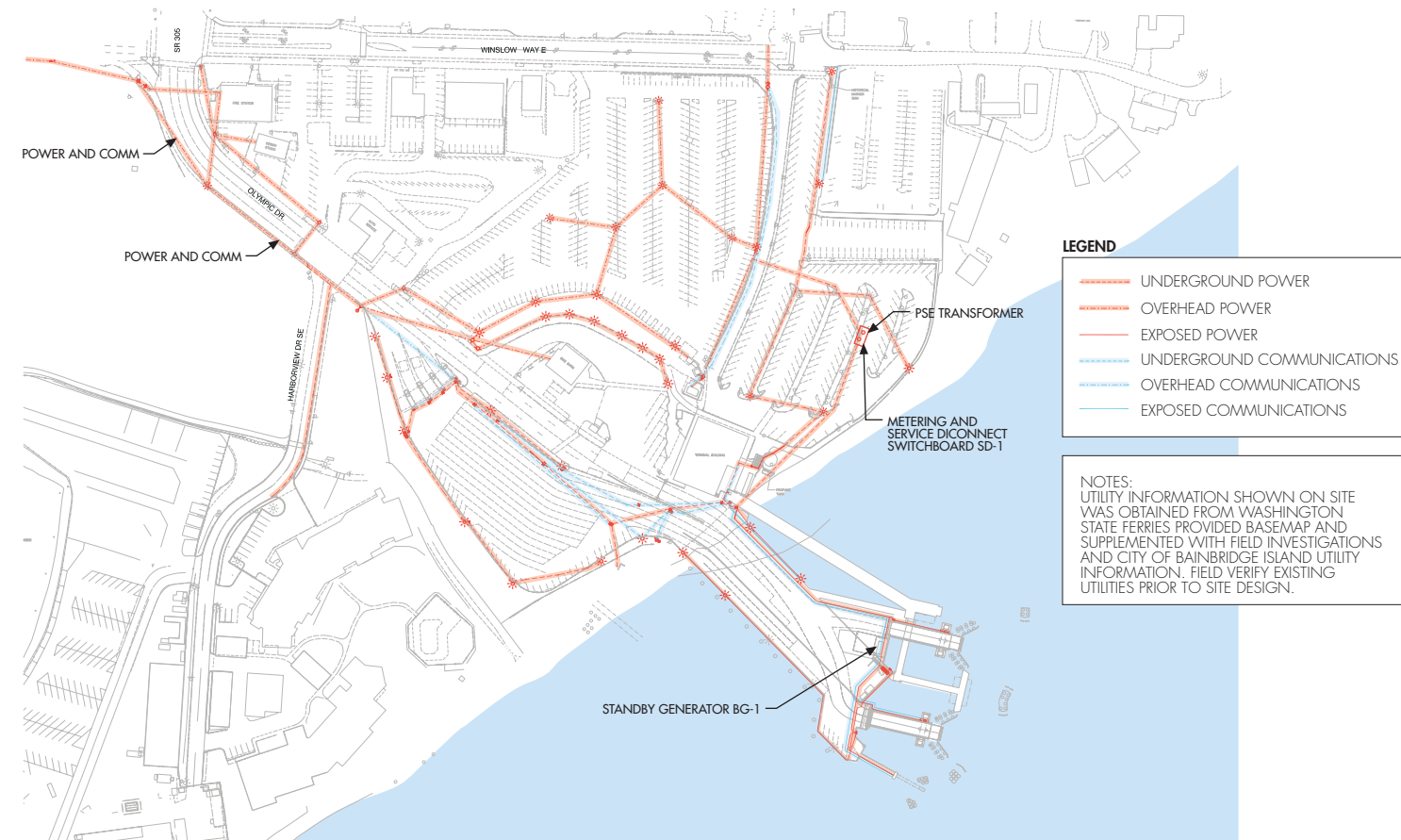


FIGURE: 7
Existing Transportation



CIVIL

- Existing 4" Water Main in Olympic Drive serving the site from Winslow Way E.
- Existing gravity sanitary sewer lines flow to a sewer lift station and then pumped via force main to offsite sewer.
- Existing storm drainage system collects surface run-off and outfalls over the bluff toward Eagle Harbor at five locations on site.
- Telephone enters the site off Winslow Way E. via underground and overhead lines.
- Natural gas lines are not on site per available as-built information.



EXISTING ELECTRICAL SERVICE

- Puget Sound Energy (PSE) provides electrical service to the Bainbridge Island Ferry Terminal from overhead power lines on a power pole near the intersection between Winslow Way and Ferndale Ave NE. The overhead power line routes south to a pole approximately 260 feet north of the Terminal Building on the west side of the roadway that leads to passenger drop-off area. From this pole, the power feed is routed underground to an electrical substation in the middle of the ferry terminal parking lot.
- A Puget Sound Energy transformer and the WSF Metering and Service disconnect Switchboard, SD-1 are located in the substation. The transformer changes the voltage from 12,470 volts to 480/277 volts. The secondary of the transformer is connected to the Switchboard SD-1.
- Switchboard SD-1 includes the PSE Revenue Meter, the main service disconnect circuit breaker and feeder breakers for site power distribution. The switchboard is rated 1,600 amperes at 480/277 volts. The trip rating on the main circuit breaker is 1,500 amperes.



STANDBY POWER

- Standby power is provided by engine generator, BG-1, located on the east end of the trestle between Slip 1 and Slip 2. The generator is rated 300KW at 0.8 power factor and is driven by a diesel engine. The engine generator package includes an 800-gallon sub-base fuel tank, which holds enough fuel for the generator to run at full load for 35 hours.
- BG-1 provides standby power to the Terminal Building, the Toll Booths, the Overhead Loading System and to each of the Slips (except for the shore power receptacles).



FIGURE 8
Existing Utilities